

# Mountain Counties (Planning Areas 508, 604, 610)

## Water Use and Distribution of Dedicated Supplies

(Thousand Acre-Feet)

|   | 1998              |                |                | 2000              |                |                | 2001              |                |                |
|---|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
|   | Applied Water Use | Net Water Use  | Depletion      | Applied Water Use | Net Water Use  | Depletion      | Applied Water Use | Net Water Use  | Depletion      |
| <b>WATER USE</b>                          |                   |                |                |                   |                |                |                   |                |                |
| <b>Urban</b>                              |                   |                |                |                   |                |                |                   |                |                |
| Large Landscape                           | 11.2              |                |                | 11.0              |                |                | 11.4              |                |                |
| Commercial                                | 11.8              |                |                | 12.1              |                |                | 12.2              |                |                |
| Industrial                                | 14.6              |                |                | 14.6              |                |                | 14.8              |                |                |
| Energy Production                         | 0.0               |                |                | 0.0               |                |                | 0.0               |                |                |
| Residential - Interior                    | 40.4              |                |                | 40.3              |                |                | 41.4              |                |                |
| Residential - Exterior                    | 63.6              |                |                | 63.5              |                |                | 66.1              |                |                |
| Evapotranspiration of Applied Water       |                   | 59.7           | 59.7           |                   | 55.4           | 55.4           |                   | 57.1           | 57.1           |
| E&ET and Deep Perc to Salt Sink           |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Outflow                                   |                   | 59.2           | 59.2           |                   | 64.6           | 64.6           |                   | 66.8           | 66.8           |
| Conveyance Applied Water                  | 19.9              |                |                | 15.7              |                |                | 18.9              |                |                |
| Conveyance Evaporation & ETAW             |                   | 10.1           | 10.1           |                   | 8.1            | 8.1            |                   | 9.7            | 9.7            |
| Conveyance Deep Perc to Salt Sink         |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Conveyance Outflow                        |                   | 9.8            | 9.8            |                   | 7.6            | 7.6            |                   | 9.2            | 9.2            |
| GW Recharge Applied Water                 | 0.0               |                |                | 0.0               |                |                | 0.0               |                |                |
| GW Recharge Evap + Evapotranspiration     |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| <b>Total Urban Use</b>                    | <b>161.5</b>      | <b>138.8</b>   | <b>138.8</b>   | <b>157.2</b>      | <b>135.7</b>   | <b>135.7</b>   | <b>164.8</b>      | <b>142.8</b>   | <b>142.8</b>   |
| <b>Agriculture</b>                        |                   |                |                |                   |                |                |                   |                |                |
| On-Farm Applied Water                     | 260.2             |                |                | 330.6             |                |                | 306.5             |                |                |
| Evapotranspiration of Applied Water       |                   | 177.1          | 177.1          |                   | 223.9          | 223.9          |                   | 206.5          | 206.5          |
| E&ET and Deep Perc to Salt Sink           |                   | 6.0            | 6.0            |                   | 7.8            | 7.8            |                   | 6.0            | 6.0            |
| Outflow                                   |                   | 63.4           | 8.4            |                   | 80.8           | 80.8           |                   | 82.6           | 82.6           |
| Conveyance Applied Water                  | 49.1              |                |                | 59.6              |                |                | 58.1              |                |                |
| Conveyance Evaporation & ETAW             |                   | 10.6           | 10.6           |                   | 22.8           | 22.8           |                   | 22.7           | 22.7           |
| Conveyance Deep Perc to Salt Sink         |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Conveyance Outflow                        |                   | 26.3           | 3.7            |                   | 21.3           | 21.3           |                   | 21.5           | 21.5           |
| GW Recharge Applied Water                 | 0.0               |                |                | 0.0               |                |                | 0.0               |                |                |
| GW Recharge Evap + Evapotranspiration     |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| <b>Total Agricultural Use</b>             | <b>309.3</b>      | <b>283.4</b>   | <b>205.8</b>   | <b>390.2</b>      | <b>356.6</b>   | <b>356.6</b>   | <b>364.6</b>      | <b>339.3</b>   | <b>339.3</b>   |
| <b>Environmental</b>                      |                   |                |                |                   |                |                |                   |                |                |
| <b>Instream</b>                           |                   |                |                |                   |                |                |                   |                |                |
| Applied Water                             | 1,569.5           |                |                | 1,563.0           |                |                | 1,450.6           |                |                |
| Outflow                                   |                   | 313.0          | 313.0          |                   | 326.5          | 326.5          |                   | 340.9          | 340.9          |
| <b>Wild &amp; Scenic</b>                  |                   |                |                |                   |                |                |                   |                |                |
| Applied Water                             | 6,381.6           |                |                | 4,098.7           |                |                | 1,968.8           |                |                |
| Outflow                                   |                   | 914.1          | 914.1          |                   | 763.0          | 763.0          |                   | 313.3          | 313.3          |
| <b>Required Delta Outflow</b>             |                   |                |                |                   |                |                |                   |                |                |
| Applied Water                             | 0.0               |                |                | 0.0               |                |                | 0.0               |                |                |
| Outflow                                   |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| <b>Managed Wetlands</b>                   |                   |                |                |                   |                |                |                   |                |                |
| Habitat Applied Water                     | 0.0               |                |                | 0.0               |                |                | 0.0               |                |                |
| Evapotranspiration of Applied Water       |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| E&ET and Deep Perc to Salt Sink           |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Outflow                                   |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Conveyance Applied Water                  | 0.0               |                |                | 0.0               |                |                | 0.0               |                |                |
| Conveyance Evaporation & ETAW             |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Conveyance Deep Perc to Salt Sink         |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| Conveyance Outflow                        |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |                   | 0.0            | 0.0            |
| <b>Total Managed Wetlands Use</b>         | <b>0.0</b>        | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>        | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>        | <b>0.0</b>     | <b>0.0</b>     |
| <b>Total Environmental Use</b>            | <b>7,951.1</b>    | <b>1,227.1</b> | <b>1,227.1</b> | <b>5,661.7</b>    | <b>1,089.5</b> | <b>1,089.5</b> | <b>3,419.4</b>    | <b>654.2</b>   | <b>654.2</b>   |
| <b>TOTAL USE AND OUTFLOW</b>              | <b>8,421.9</b>    | <b>1,649.3</b> | <b>1,571.7</b> | <b>6,209.1</b>    | <b>1,581.8</b> | <b>1,581.8</b> | <b>3,948.8</b>    | <b>1,136.3</b> | <b>1,136.3</b> |
| <b>DEDICATED WATER SUPPLIES</b>           |                   |                |                |                   |                |                |                   |                |                |
| <b>Surface Water</b>                      |                   |                |                |                   |                |                |                   |                |                |
| Local Deliveries                          | 1,582.1           | 1,582.1        | 1,506.3        | 1,514.9           | 1,514.9        | 1,514.9        | 1,064.4           | 1,064.4        | 1,064.4        |
| Local Imported Deliveries                 | 9.7               | 9.7            | 9.2            | 10.4              | 10.4           | 10.4           | 8.5               | 8.5            | 8.5            |
| Colorado River Deliveries                 | 0.0               | 0.0            | 0.0            | 0.0               | 0.0            | 0.0            | 0.0               | 0.0            | 0.0            |
| CVP Base and Project Deliveries           | 25.7              | 25.7           | 24.5           | 26.3              | 26.3           | 26.3           | 18.4              | 18.4           | 18.4           |
| Other Federal Deliveries                  | 1.6               | 1.6            | 1.5            | 1.1               | 1.1            | 1.1            | 1.6               | 1.6            | 1.6            |
| SWP Deliveries                            | 0.0               | 0.0            | 0.0            | 0.0               | 0.0            | 0.0            | 0.0               | 0.0            | 0.0            |
| Required Environmental Instream Flow      | 0.0               | 0.0            | 0.0            | 0.0               | 0.0            | 0.0            | 0.0               | 0.0            | 0.0            |
| <b>Groundwater Net Withdrawal</b>         | <b>29.0</b>       | <b>29.0</b>    | <b>29.0</b>    | <b>27.9</b>       | <b>27.9</b>    | <b>27.9</b>    | <b>42.2</b>       | <b>42.2</b>    | <b>42.2</b>    |
| <b>Deep Percolation of Surface and GW</b> | <b>37.3</b>       |                |                | <b>38.4</b>       |                |                | <b>36.7</b>       |                |                |
| <b>Reuse/Recycle</b>                      |                   |                |                |                   |                |                |                   |                |                |
| Reuse Surface Water                       | 6,735.3           |                |                | 4,588.9           |                |                | 2,775.8           |                |                |
| Recycled Water                            | 1.2               | 1.2            | 1.2            | 1.2               | 1.2            | 1.2            | 1.2               | 1.2            | 1.2            |
| <b>TOTAL SUPPLIES</b>                     | <b>8,421.9</b>    | <b>1,649.3</b> | <b>1,571.7</b> | <b>6,209.1</b>    | <b>1,581.8</b> | <b>1,581.8</b> | <b>3,948.8</b>    | <b>1,136.3</b> | <b>1,136.3</b> |
| <i>Balance = Use - Supplies</i>           | <i>0.0</i>        | <i>0.0</i>     | <i>0.0</i>     | <i>0.0</i>        | <i>0.0</i>     | <i>0.0</i>     | <i>0.0</i>        | <i>0.0</i>     | <i>0.0</i>     |